IN THE CLAIMS:

Please amend Claims 1-13 as follows.

1. (Currently Amended) A display device comprising:

a light source for emitting a light;

a light modulation element for modulating the emitted light; and

picture signal inputting means for receiving a picture signal from the outside and inputting a driving signal for driving ~~the~~ said light modulation element to ~~the~~ said light modulation element, in which ~~the~~ said light modulation element modulates the light based on the picture signal and an image is displayed,

wherein ~~the~~ said picture signal inputting means comprises target light amount calculating means and light amount controlling means, ~~the~~ said target light amount calculating means ~~being means for~~ calculating an adequate light amount for an image display and ~~the~~ said light amount controlling means ~~being means for~~ receiving the signal from ~~the~~ said target light amount calculating means and controlling the light so as to obtain a target light amount; and

wherein said picture signal inputting means changes signal amplification rates in at least two input ranges for changing input-output conversion characteristics according to an output of said target light amount calculating means, and in the two input ranges of the input-output conversion characteristics said ~~the~~ picture signal inputting means largely amplifies the driving signal when the picture signal has a low luminance and slightly amplifies the driving signal when the picture signal has a high luminance.

2. (Currently Amended) The display device according to claim 1, wherein, when the picture signal has a high luminance, a pseudo multi-gradation process is executed.

3. (Currently Amended) The display device according to claim 1, wherein ~~the~~ said light amount controlling means comprises a member for converting the light to a polarization light flux and a light amount adjusting member for controlling a permeable amount of the polarization light flux, and wherein by changing a rotational position of ~~the~~ said light amount adjusting member, a light amount is controlled.

4. (Currently Amended) The display device according to claim 2, wherein ~~the~~ said light amount controlling means comprises a member for converting the light to a polarization light flux and a light amount adjusting member for controlling a permeable amount of the polarization light flux, and wherein by changing a rotational position of ~~the~~ said light amount adjusting member, a light amount is controlled.

5. (Currently Amended) The display device according to claim 3, wherein ~~the~~ said light amount adjusting member is a phase plate.

6. (Currently Amended) The display device according to claim 4, wherein ~~the~~ said light amount adjusting member is a phase plate.

7. (Currently Amended) The display device according to claim 2, wherein rotation of ~~the~~ said light amount adjusting member is executed by an ultrasonic motor.

8. (Currently Amended) The display device according to claim 3, wherein rotation of ~~the~~ said light amount adjusting member is executed by an ultrasonic motor.

9. (Currently Amended) The display device according to claim 4, wherein rotation of ~~the~~ said light amount adjusting member is executed by an ultrasonic member.

10. (Currently Amended) The display device according to claim 5, wherein rotation of ~~the~~ said light amount adjusting member is executed by an ultrasonic motor.

11. (Currently Amended) The display device according to claim 6, wherein rotation of ~~the~~ said light amount adjusting member is executed by an ultrasonic motor.

12. (Currently Amended) A display device comprising:

a light source for emitting a light;

a light modulation element for modulating the emitted light; and

picture signal inputting means for receiving a picture signal from the outside and inputting a driving signal for driving the light modulation element to ~~the~~ said light modulation element, in which ~~the~~ said light modulation element modulates the light based on the picture signal and an image is displayed,

wherein ~~the~~ said picture signal inputting means comprises target light amount calculating means and light amount controlling means, ~~the~~ said target light amount

calculating means ~~being means for~~ calculating an adequate light amount for an image display and ~~the~~ said light amount controlling means ~~being means for~~ receiving the signal from ~~the~~ said target light amount calculating means and controlling ~~the~~ a light ~~modulated~~ which is transmitted or reflected by ~~the~~ said light modulation element so as to obtain a target light amount; and

wherein ~~the~~ said picture signal inputting means changes a signal amplification factor for changing input-output conversion characteristics corresponding to an output of ~~the~~ said target light amount calculating means.

13. (Currently Amended) The display device according to claim 12, wherein, when the picture signal has a high luminance, ~~the~~ said picture signal inputting means amplifies by an amplification factor not more than ~~the~~ an amplification factor used when in ~~the case of~~ the picture signal ~~having~~ has a low luminance.

14. (Original) The display device according to claim 12, wherein, when the picture signal has a low luminance, the signal is amplified by an amplification factor of 1 or more.